

## A B S T R A C T

For the or each moving wheel of the turbine, blade  
inserts are used each comprising at least two blades  
5 interconnected by common outer and inner platforms and  
sharing a common root. Inserts are used having hollow  
roots in which respective recesses are formed, and the  
roots of inserts belonging to the same wheel and/or the  
roots of inserts belonging to two different wheels are  
10 voluntarily given different configurations in the inserts  
of the roots so as to adjust the resonant frequencies of  
said inserts to values that are significantly different,  
thereby ensuring that the inserts in the same wheel  
and/or between two different wheels are out of tune. The  
15 invention is applicable to turbines both for aviation and  
for industrial applications.